9th Class 2019

Math (Science)	Group-II	
Time: 20 Minutes	(Objective Type)	Ma

Note: Four possible answers A, B, C and question are given. The choice which correct, fill that circle in front of that Marker or Pen ink in the answer-book filling two or more circles will result in that question.

1-1- The idea of matrices was given by ----

(a) Arthur Cayley √ (b) Brguiz

(c) Al-Khawrzmi (d) Jan Nipper

2- $\sqrt[2]{a}$ is usually written as:

(a) $(a)^2$ (b) $(\sqrt{a})$ √

(c) $(\sqrt{a})^2$ (d) $\sqrt{a^2}$

3- $\log_b a \times \log_c b$ can be written as:

(a) $\log_a c$ (b) $\log_b c$

(c) $\log_a b$ (d) $\log_c a$ √

4- x = 0 is a solution of the inequality ----

(a) $x > 0$ (b) $3x + 5 < 0$

(c) $x + 2 < 0$ (d) $x - 2 < 0$ √

5- The factors of $x^2 - 5x + 6$ are:

(a) $(x + 1), (x - 6)$ (b) $(x - 2), (x - 3)$

(c) $(x + 6), (x - 1)$ (d) $(x + 2), (x + 3)$

6- The formula of H.C.F. of two polyno and q(x) is:

(a) $\frac{p(x) \times q(x)}{L.C.M}$ √ (b) L.C.M

7. The symbol of inequality is ----:
(a) = (b) ≅
(c) ~ (d) ≥ √

8. Cartesion plane is divided into --- quadrants:
(a) 3 (b) 2
(c) 4 √ (d) 5

9. Distance between points (0, 0) and (1, 1) is ----:
(a) 0 (b) 1
(c) 2 (d) $\sqrt{2}$ √

10. A ray has end points:
(a) 1 √ (b) 2
(c) 3 (d) 4

11. In a parallelogram opposite angles are ----:
(a) Unequal (b) Equal / congruent √
(c) Non-congruent (d) Concurrent

12. A ray is called a bisector of line segment if it divides the angles into ---- equal parts:
(a) 4 (b) 3
(c) 2 √ (d) 5

13. Equality of two ratios is defined as ---- :
(a) Ratio (b) Proportion √
(c) Equality (d) Congruent

14. Congruent figures have ---- area:
(a) Same √ (b) Different
(c) No any (d) Empty

15. A triangle having two sides congruent is called ----:
(a) Scalene (b) Right angled
(c) Equilateral (d) Isosceles √